

WHAT IS CLAIMED IS:

1. A golf ball having numerous dimples on the surface thereof, wherein

surface area occupation ratio Y of said dimples is equal to or greater than 75%,

proportion of the number NL of dimples having the diameter of equal to or greater than 3.90 mm occupied in total number N of the dimples is equal to or greater than 75%, and

proportion of the number ML of dimples, having the diameter of equal to or greater than 3.90 mm, complying with the following formula (1) and having a radius of curvature Re in the following formula (1) of 2.0 mm or greater and 5.0 mm or less, occupied in the number NL is equal to or greater than 50%:

$$0.5 \leq Re/Rw \leq 1.5 \quad (1)$$

wherein: Re represents a radius of curvature of a curved surface between the dimple edge and a point positioned downward from the dimple edge by the depth of 10% in an in-depth direction; Rw represents a radius of curvature of a curved surface between a point positioned downward from the dimple edge by the depth of 20% in an in-depth direction and a point positioned downward from the dimple edge by the depth of 50% in an in-depth direction.

2. The golf ball according to claim 1 wherein the proportion of said number ML occupied in said number NL is 100%.

3. The golf ball according to claim 1 wherein the proportion of the number M of the dimples that comply with the above-described formula (1) occupied in total number N is equal to or greater than 90%.